

# MAINE STATE LEGISLATURE

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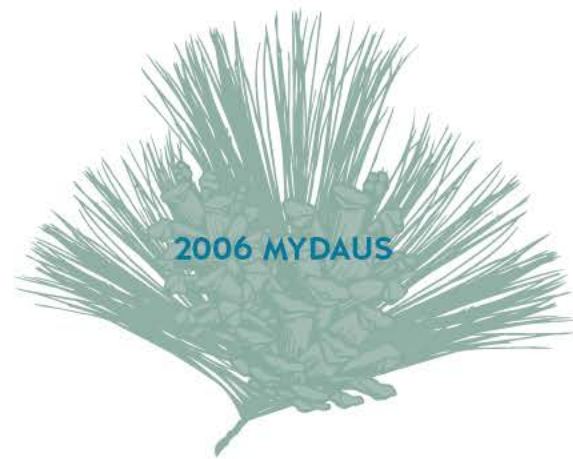
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2006 MYDAUS

# Executive Summary: Alcohol, Tobacco and Other Drug Use and Related Behaviors



mydaus



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## INTRODUCTION

The 2006 Maine Youth Drug and Alcohol Use Survey (MYDAUS) is the latest in a series of drug and alcohol use surveys that have been administered by the Maine Office of Substance Abuse to 6th-12th grade students throughout the State of Maine. Although the MYDAUS was merged with the Youth Tobacco Survey (YTS) in 2004, this report only presents MYDAUS data and does not include YTS results other than cigarette use. This summary provides highlights describing the use of alcohol, cigarettes, other drugs and the risk and protective factors that influence these behaviors.

Please note that the study population for the 2006 MYDAUS was Maine youth in grades 6 through 12 attending public<sup>1</sup> schools. The MYDAUS was administered in February, 2006 to more than 77,000 students from 337 schools throughout Maine. Schools from all 16 Maine counties participated in the survey.

This report provides a brief summary of data from the 2006 MYDAUS on substance use and related risk and protective factors among 6th through 12th graders in Maine. The 2006 results are compared to earlier administrations of the survey (2000, 2002, 2004), as well as to 8th, 10th and 12th grade data available from the 2005 Monitoring the Future Survey (MTF), a national survey conducted by the Institute for Social Research at the University of Michigan. The MTF randomly samples students from both public and private schools, unlike the MYDAUS which attempts a census of predominantly public schools. A discussion of the methodologies is available in the MYDAUS Technical Report. For more information on the MTF Survey, visit their website at [www.monitoringthefuture.org](http://www.monitoringthefuture.org).

<sup>1</sup>Includes the private non-sectarian schools with 60% or more publicly-funded students.

### Survey Participants

In February of 2006, Maine students participated in the MYDAUS. All public schools<sup>1</sup> in Maine with any grades 6 through 12 were solicited to participate in the 2006 MYDAUS in order to provide local, objective data to schools applying for funds under the Safe and Drug Free Schools and Communities Act. Participation in the survey, although encouraged, was voluntary.

In all, there were 77,206 usable<sup>2</sup> surveys, representing 68.3% of the 113,095 total eligible students, and 78.3% of the 98,648 total students at participating schools. Participating students were from 337 of Maine's 422 eligible public schools; this resulted in a school response rate of 79.9%.

The gender breakout of the students who participated in the 2006 MYDAUS is:

Female	36,218
Male	34,181
Missing	6,807

The breakout of students who participated in the 2006 MYDAUS by grade is:

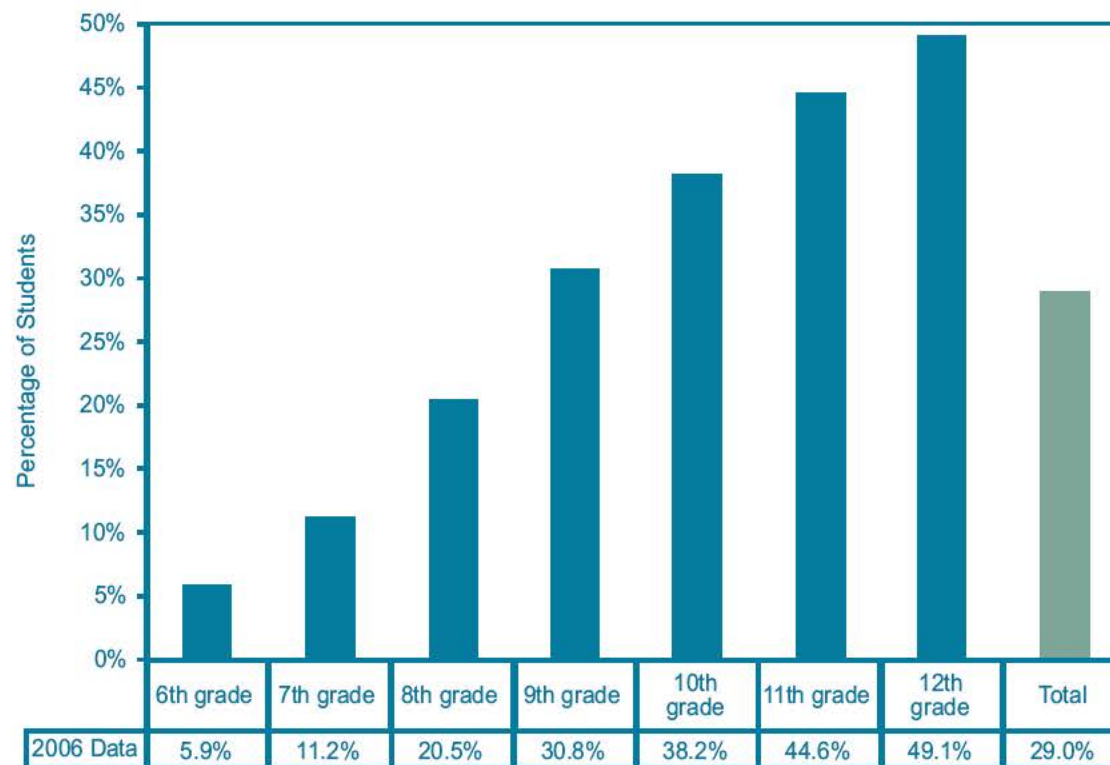
6th grade	10,999
7th grade	11,271
8th grade	11,565
9th grade	11,979
10th grade	11,349
11th grade	10,394
12th grade	8,579
Missing	1,070

<sup>1</sup> Includes the private non-sectarian schools with 60% or more publicly-funded students.

<sup>2</sup> This excludes the students that were deemed to be "dishonest" based on the honesty profile that was run (for more information on the honesty profile, please see the 2006 MYDAUS Technical Report).

## USE BY GRADE - 2006

### ALCOHOL - 30 DAY USE

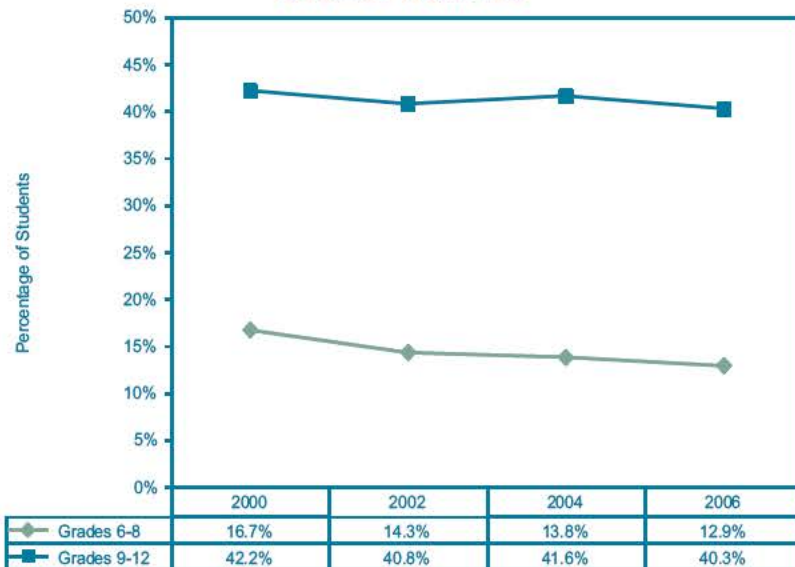


alcohol



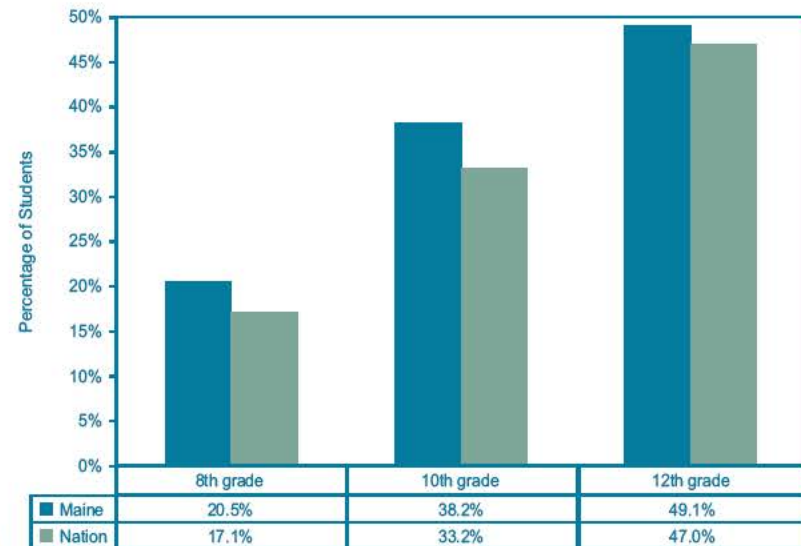
## RECENT TRENDS

ALCOHOL - 30 DAY USE



## MAINE VS THE NATION

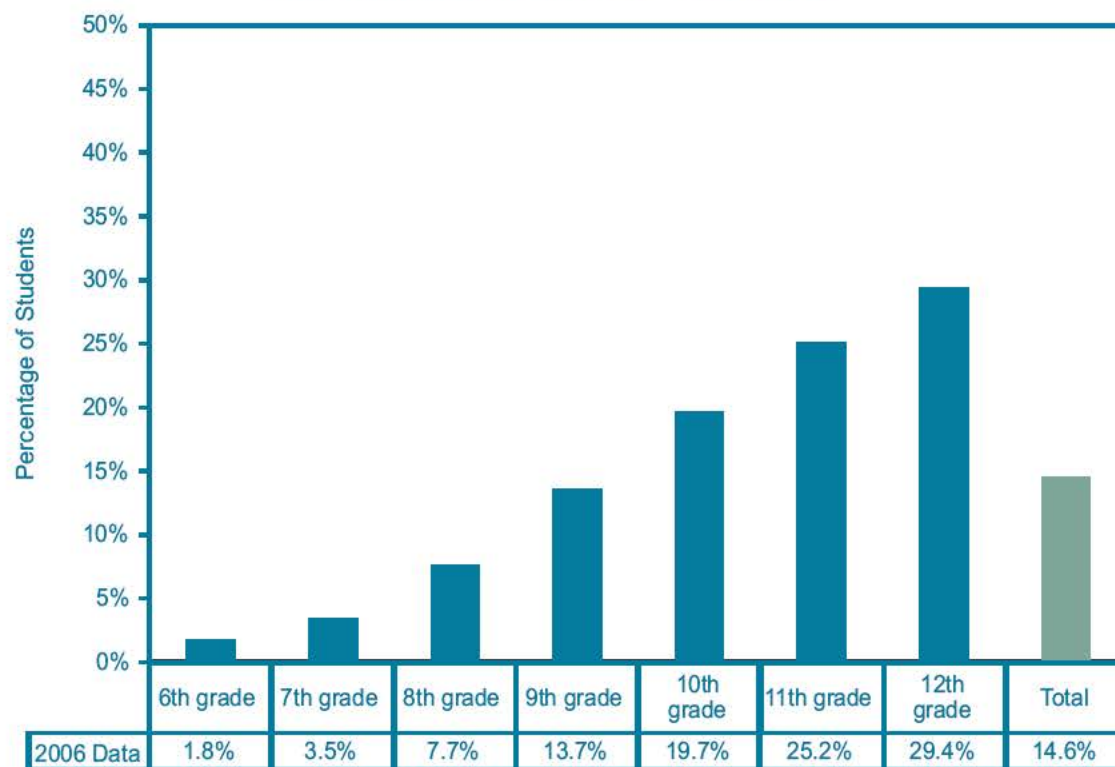
ALCOHOL - 30 DAY USE



Sources: The 2006 MYDAUS/YTS and the 2005 Monitoring the Future Study, the University of Michigan.



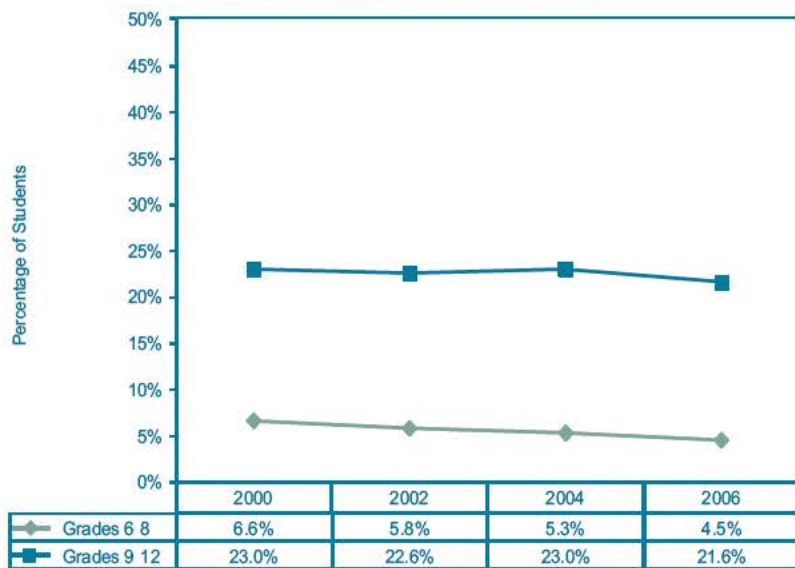
## binge drinking

BINGE DRINKING<sup>1</sup> - IN PAST TWO WEEKS

<sup>1</sup> The MYDAUS question reads: "Think back over the last two weeks. How many times have you had five or more alcoholic drinks in a row?"

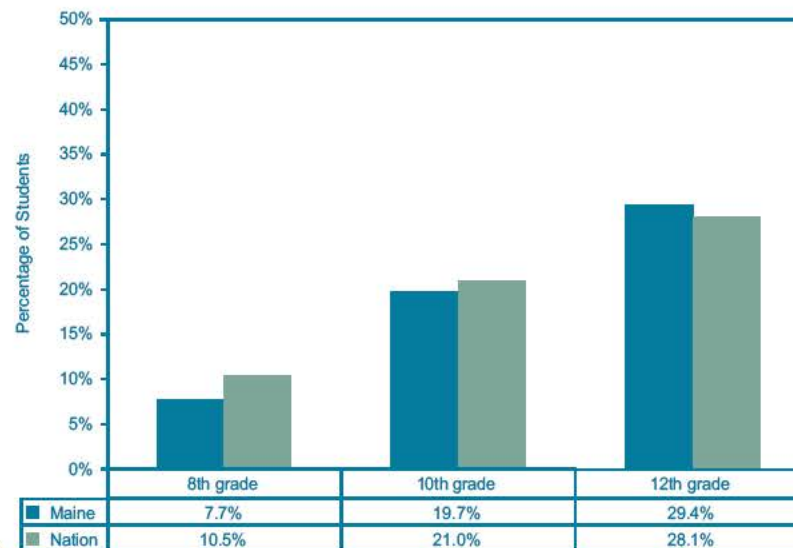
## RECENT TRENDS

BINGE DRINKING<sup>1</sup> - IN PAST TWO WEEKS



## MAINE VS THE NATION

BINGE DRINKING<sup>1</sup> - IN PAST TWO WEEKS

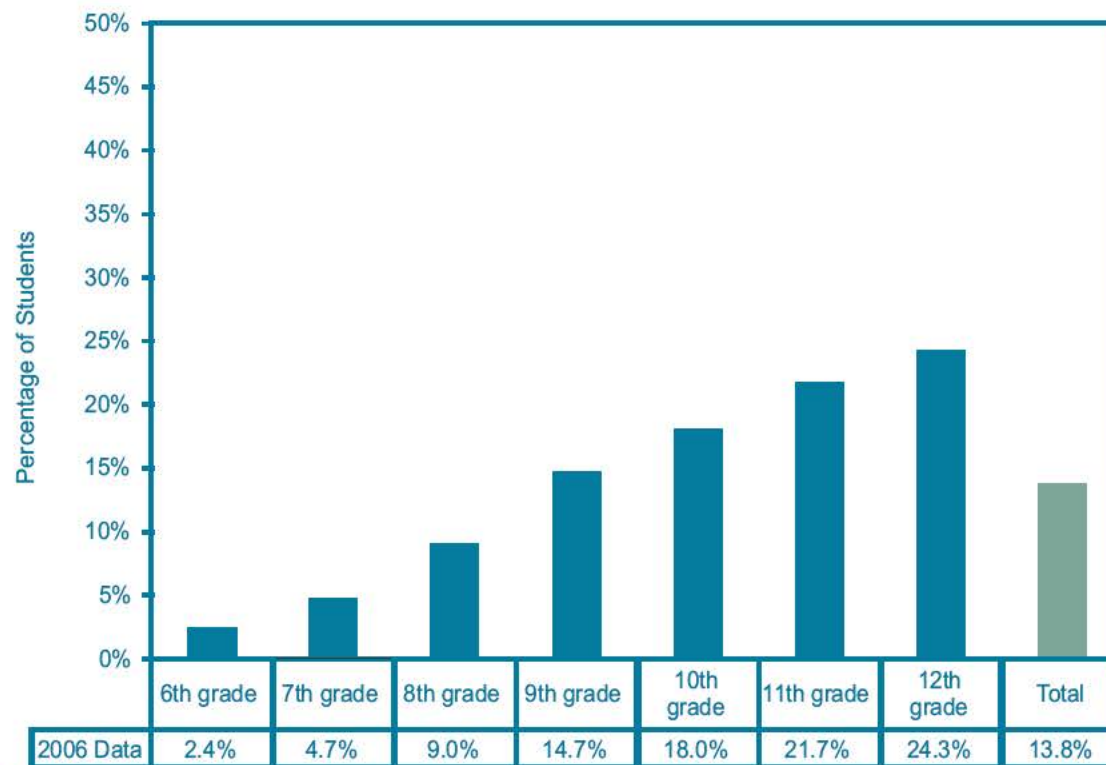


Sources: The 2006 MYDAUS/YTS and the 2005 Monitoring the Future Study, the University of Michigan.

## USE BY GRADE - 2006

# cigarettes

CIGARETTES - 30 DAY USE



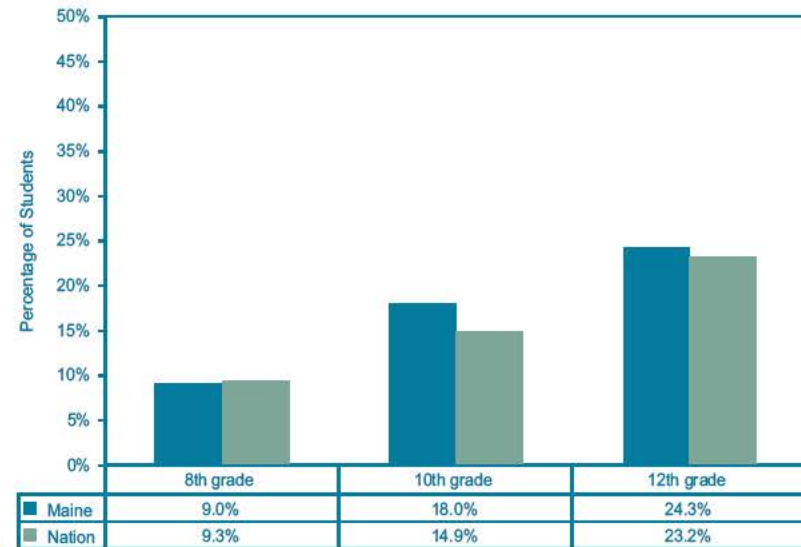
## RECENT TRENDS

CIGARETTES - 30 DAY USE



## MAINE VS THE NATION

CIGARETTES - 30 DAY USE

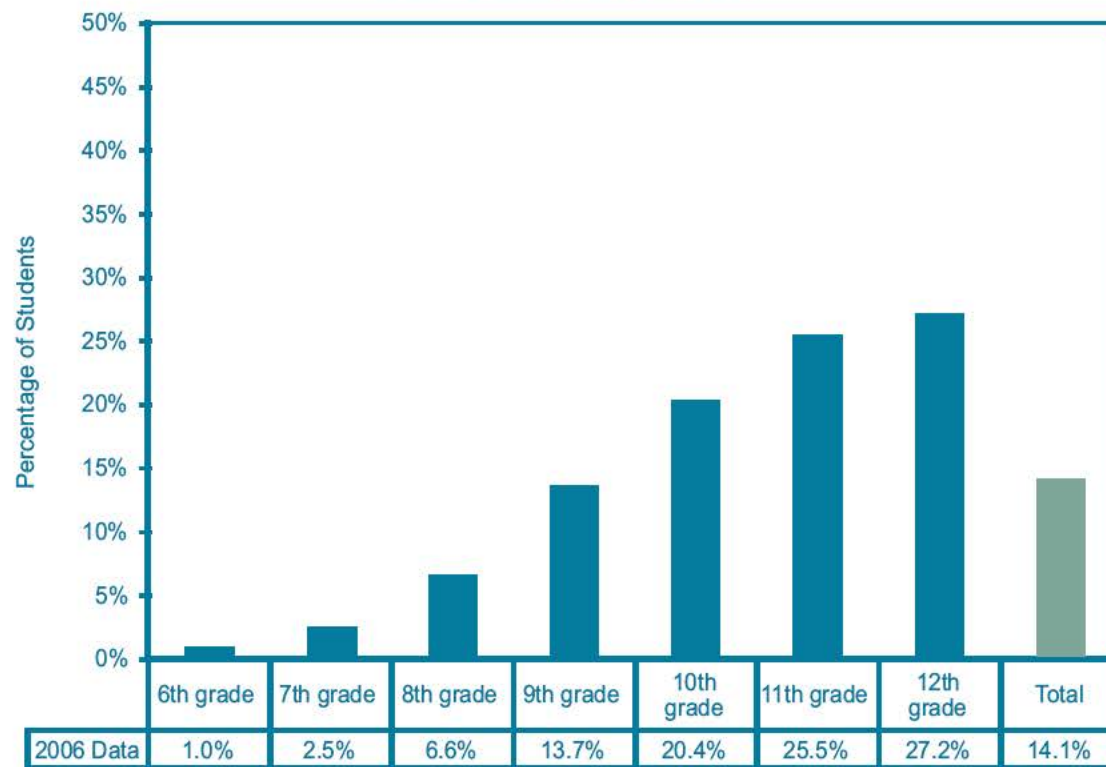


Sources: The 2006 MYDAUS/YTS and the 2005 Monitoring the Future Study, the University of Michigan.



## USE BY GRADE - 2006

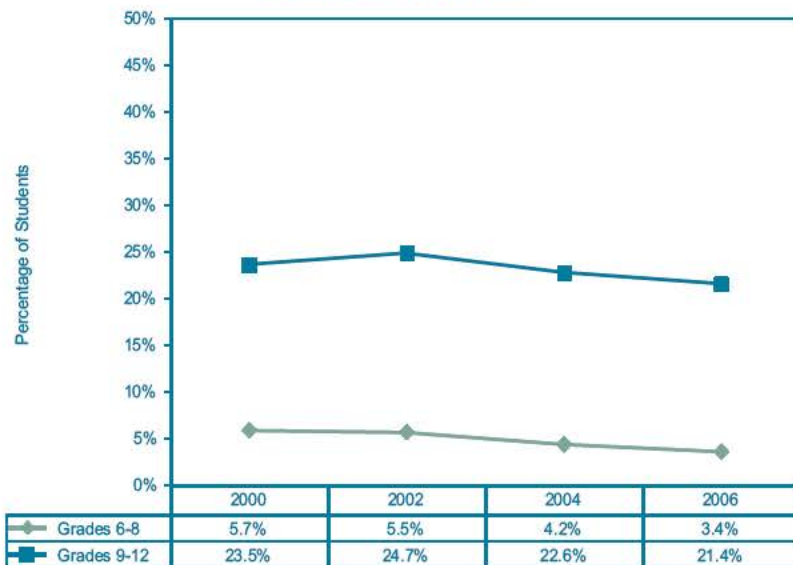
### MARIJUANA - 30 DAY USE



marijuana

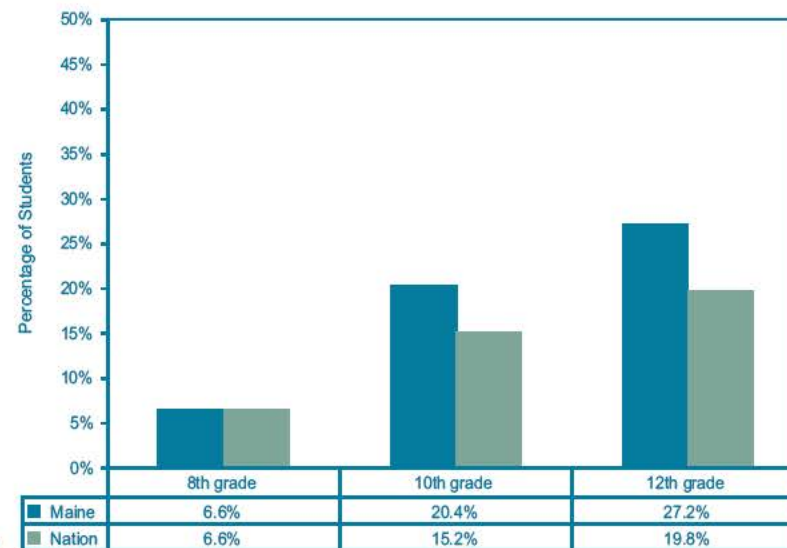
## RECENT TRENDS

MARIJUANA - 30 DAY USE



## MAINE VS THE NATION

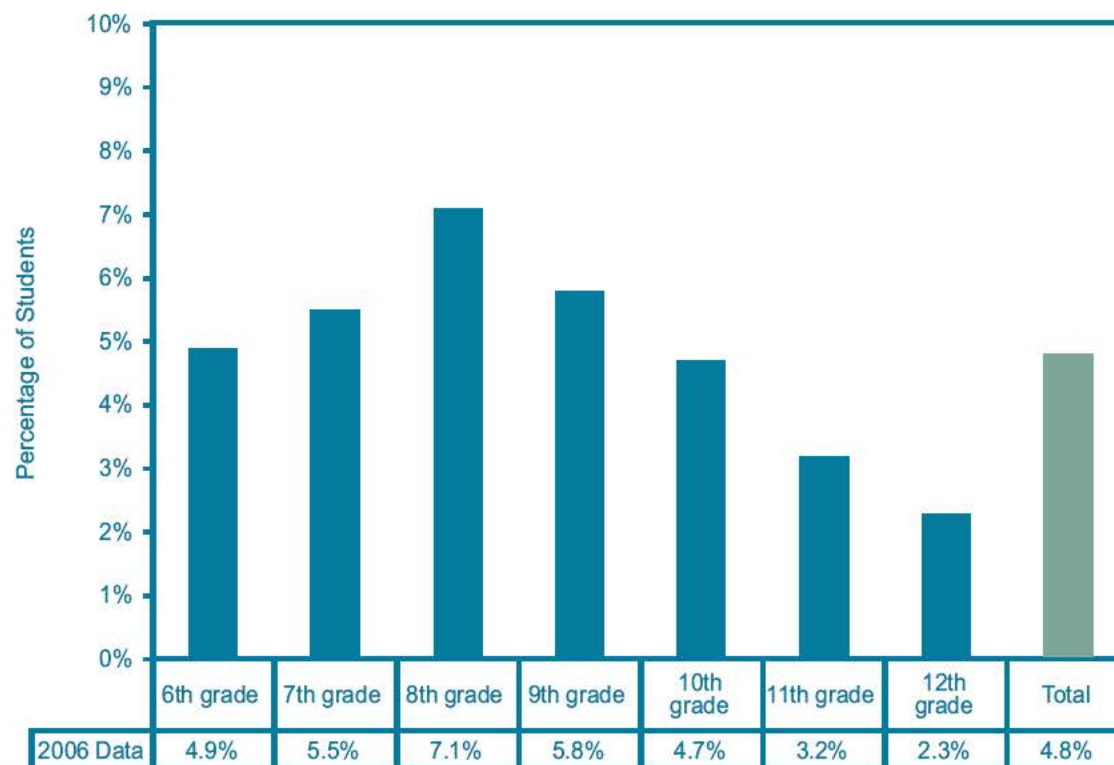
MARIJUANA - 30 DAY USE



Sources: The 2006 MYDAUS/YTS and the 2005 Monitoring the Future Study, the University of Michigan.

# inhalants

## INHALANTS<sup>1</sup> - 30 DAY USE

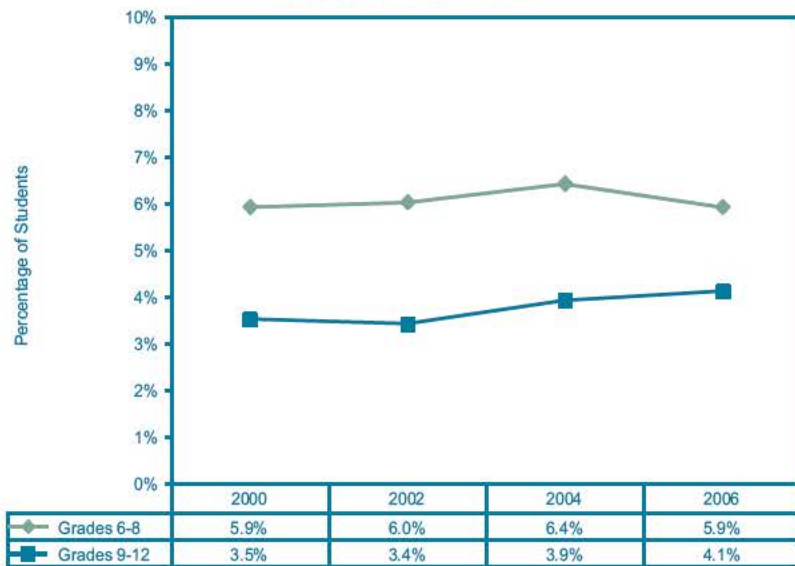


Note scale

<sup>1</sup>The MYDAUS question reads: "...have you sniffed glue, breathed the contents of an aerosol spray can, or inhaled other gases or sprays, in order to get high..."

## RECENT TRENDS

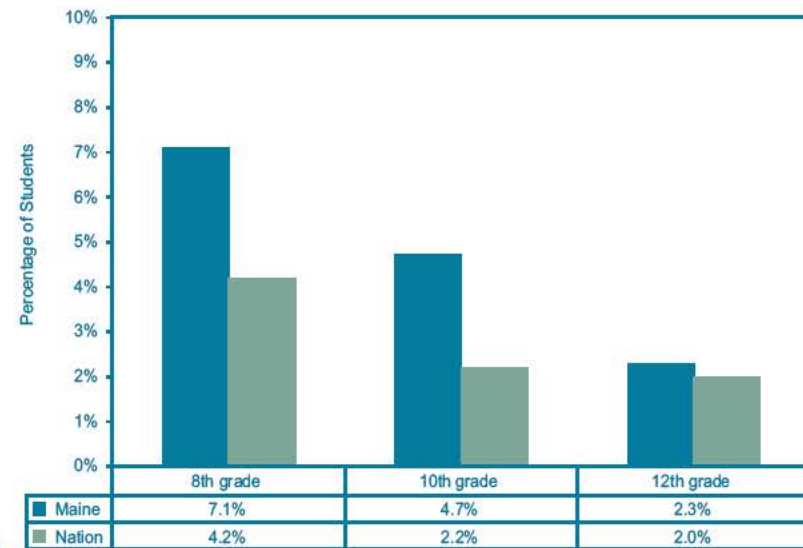
INHALANTS - 30 DAY USE



Note scale

## MAINE VS THE NATION

INHALANTS - 30 DAY USE

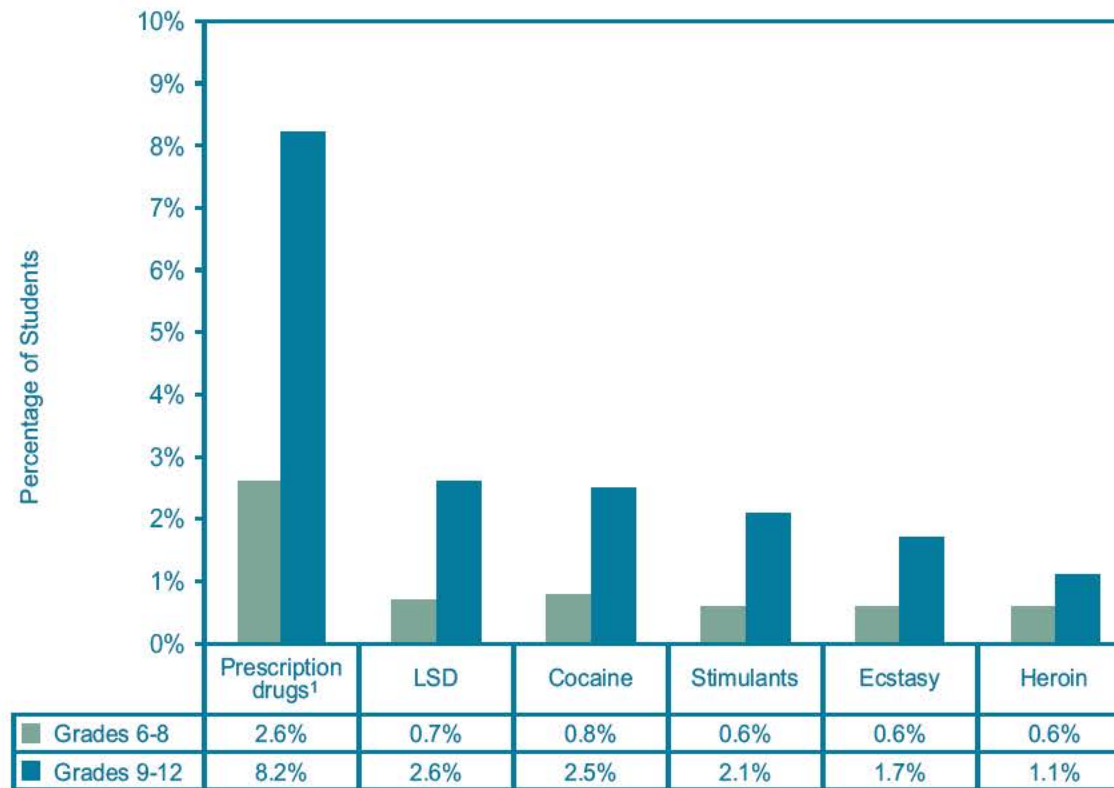


Note scale

Sources: The 2006 MYDAUS/YTS and the 2005 Monitoring the Future Study, the University of Michigan.



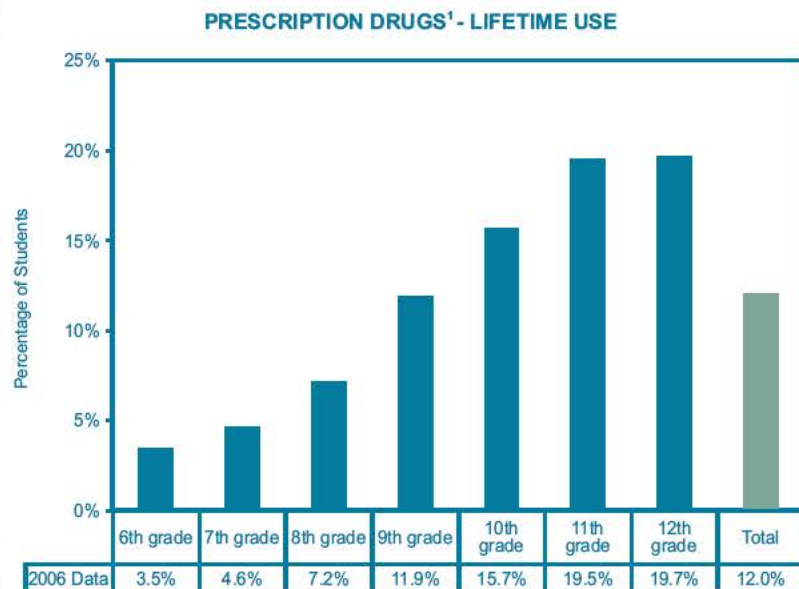
OTHER DRUGS - 30 DAY USE



Note scale

<sup>1</sup>Prescription drugs are those not specifically prescribed for the student.

## LIFETIME USE OF PRESCRIPTION DRUGS BY GRADE - 2006

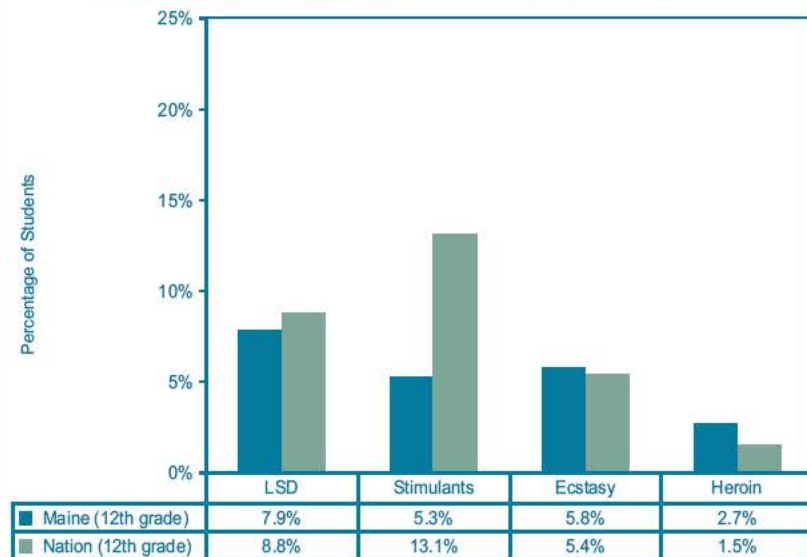


Note scale

<sup>1</sup> Prescription drugs are those not specifically prescribed for the student.

## MAINE VS THE NATION

### LIFETIME USE OF SELECTED DRUGS AMONG 12th GRADERS



Note scale

Please note that while the MYDAUS/YTS asked about the use of "LSD or other psychedelics", the Monitoring the Future Study asked about "hallucinogens" and while the MYDAUS/YTS asked about the use of "stimulants", the Monitoring the Future Study asked about "amphetamines".

other drugs

## USE BY GRADE - 2006

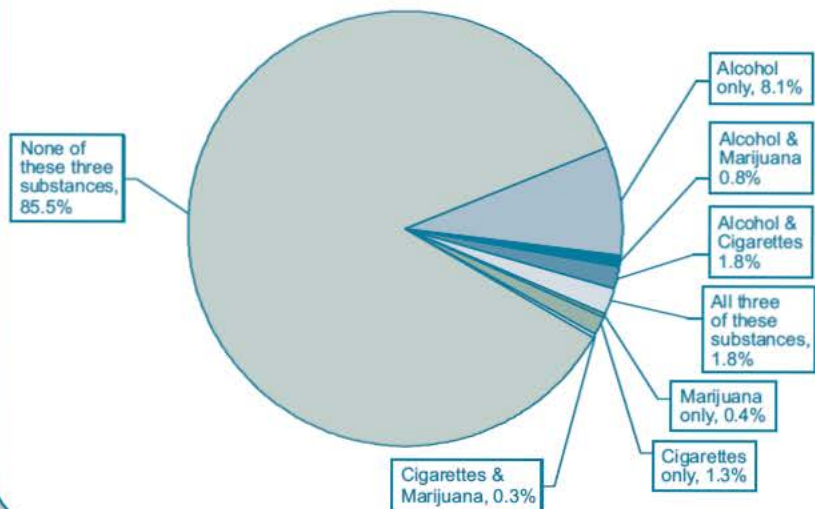
### PAST 30 DAY USE OF ALCOHOL, MARIJUANA AND CIGARETTES BY GRADE - 2006

	None of the three substances	Alcohol only	Alcohol & Marijuana	Alcohol & Cigarettes	All three substances	Marijuana only	Cigarettes only	Cigarettes & Marijuana
6th grade	93.2%	4.3%	0.1%	0.7%	0.6%	0.2%	0.9%	0.0%
7th grade	87.1%	7.5%	0.5%	1.8%	1.3%	0.4%	1.3%	0.2%
8th grade	77.2%	12.0%	1.7%	2.9%	3.4%	0.7%	1.6%	0.5%
9th grade	65.7%	15.3%	3.9%	3.6%	7.5%	1.1%	1.9%	1.0%
10th grade	57.3%	16.8%	6.9%	3.9%	10.1%	1.7%	1.9%	1.4%
11th grade	50.4%	17.6%	8.8%	4.7%	13.0%	1.9%	2.1%	1.3%
12th grade	45.7%	18.9%	9.7%	6.1%	14.0%	1.9%	2.4%	1.2%
Total	67.6%	13.4%	4.6%	3.4%	7.3%	1.1%	1.8%	0.8%



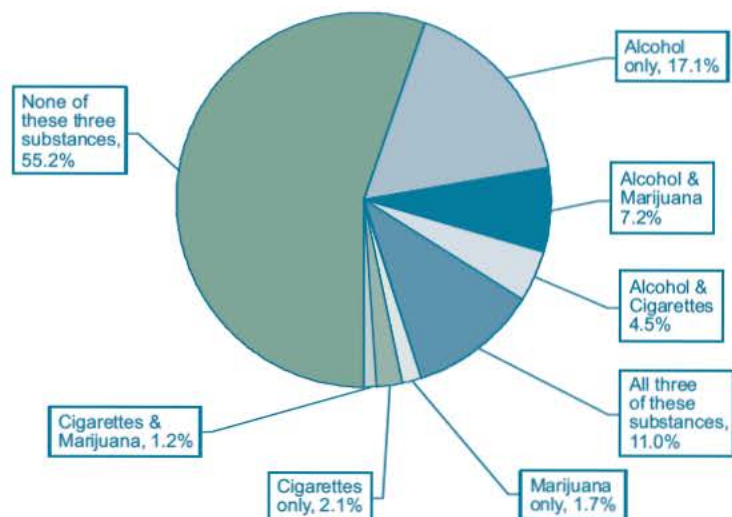
## MIDDLE SCHOOL (GRADES 6-8)

PAST 30 DAY USE OF ALCOHOL, CIGARETTES, AND MARIJUANA  
AMONG MIDDLE SCHOOL STUDENTS



## HIGH SCHOOL (GRADES 9-12)

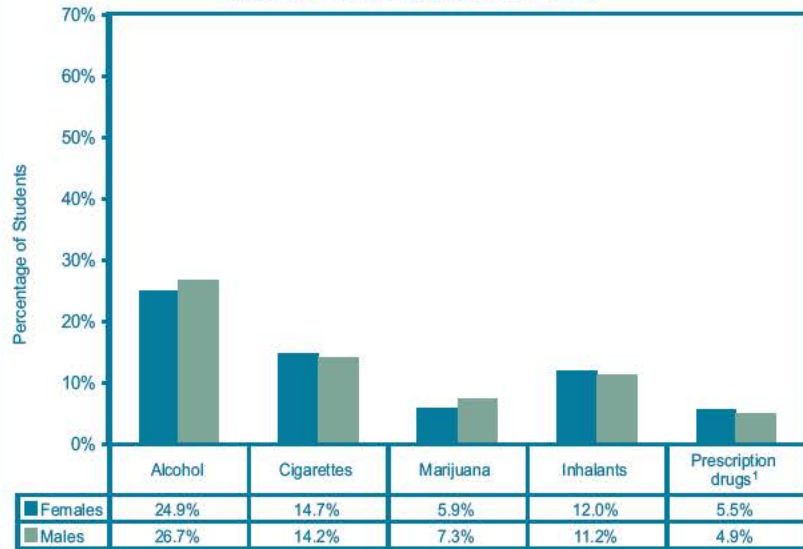
PAST 30 DAY USE OF ALCOHOL, CIGARETTES, AND MARIJUANA  
AMONG HIGH SCHOOL STUDENTS





## MIDDLE SCHOOL (GRADES 6-8)

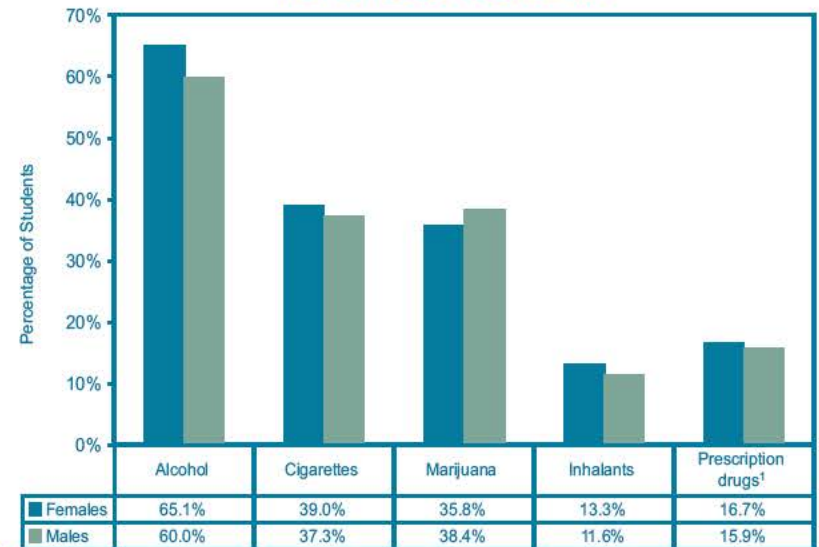
LIFETIME USE OF SELECTED DRUGS BY GENDER AMONG  
MIDDLE SCHOOL STUDENTS - 2006



Note scale

## HIGH SCHOOL (GRADES 9-12)

LIFETIME USE OF SELECTED DRUGS BY GENDER AMONG  
HIGH SCHOOL STUDENTS - 2006



Note scale

<sup>1</sup>Prescription drugs are those not specifically prescribed for the student.

Note that this is not a mean age of first use for the general population. Rather, it is a mean age of first use among those who had started using that particular substance prior to taking the survey.

## AGE AT FIRST USE OF SELECTED SUBSTANCES

**AVERAGE AGE<sup>1</sup> AT FIRST USE OF SELECTED SUBSTANCES AMONG 11th AND 12th GRADE STUDENTS WHO HAVE USED EACH SUBSTANCE<sup>2</sup>**



Note scale

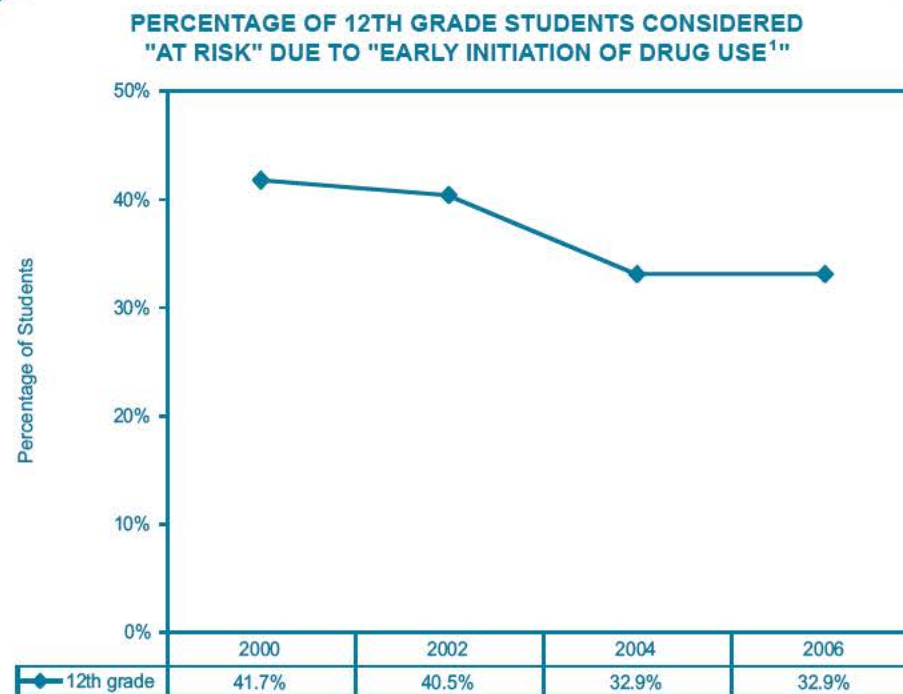
<sup>1</sup> The survey asked students how old they were when they first participated in a variety of activities, four of which are listed in the graph and table above. The categories provided to students were "Never have", "10 or younger", "11", "12", "13", "14", "15", "16", and "17 or older". In order to calculate the mean age of first use, non-users were first filtered out of the analysis. After that, the "10 or younger" and "17 or older" categories were collapsed to signify simply 10 and 17, respectively. A mean was then calculated. Although this does not reflect a true mean since the ages below 10 and above 17 were not captured, this mean gives the audience an estimate of the age at onset of use among users of the various substances listed above. Please also note that since the mean was calculated using the same methodology from 2000 to present, one can look at changes in mean ages at onset of first use across time.

<sup>2</sup> "Regular alcohol use" means at least once or twice a month; "Alcohol" refers to more than a sip or two of alcohol; and "Cigarette" use includes even just a puff.

age at first use /  
early initiation



## EARLY INITIATION



<sup>1</sup> This graph shows the percentage of students at risk of substance abuse and other prohibited behaviors due to early initiation of substance use. The four questions that make up this risk factor ask for the age when the student first smoked marijuana, first smoked a cigarette (even a puff), had more than a sip a two of alcohol, and started drinking alcohol regularly. Being "at risk" due to this factor predicts misuse of drugs. The earlier the onset of any drug use, the greater the risk of involvement in other drug use and the greater frequency of use. Early onset of drug use is a consistent predictor of drug abuse, and a later age of onset of drug use has been shown to predict lower drug involvement and a greater probability of discontinuation of use.

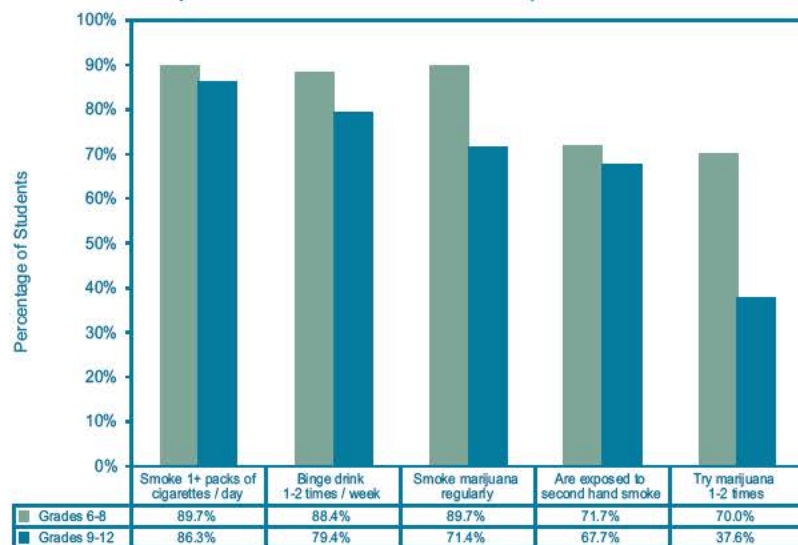
## BY GRADE - 2006

### PERCEIVED HARM<sup>1</sup> FROM CIGARETTES, ALCOHOL AND MARIJUANA BY GRADE - 2006

	Smoke one or more packs of cigarettes per day	Have five or more alcoholic beverages in a row once or twice a week	Smoke marijuana regularly	Are exposed to other people's cigarette smoke	Try marijuana once or twice
6th grade	90.1%	89.6%	91.5%	72.6%	76.7%
7th grade	90.5%	89.0%	91.1%	72.4%	71.9%
8th grade	88.7%	86.7%	86.8%	70.2%	62.4%
9th grade	86.8%	82.9%	79.4%	66.6%	48.2%
10th grade	86.3%	80.8%	72.7%	67.3%	38.9%
11th grade	86.2%	77.1%	67.6%	68.5%	32.1%
12th grade	85.6%	76.3%	64.8%	68.8%	29.7%
Total	87.7%	83.0%	78.8%	69.3%	50.9%

## MIDDLE SCHOOL AND HIGH SCHOOL - 2006

### "HOW MUCH DO YOU THINK PEOPLE RISK HARMING THEMSELVES (PHYSICALLY OR IN OTHER WAYS) IF THEY..."



Note scale

The percentages above represent "Moderate Risk" and "Great Risk" combined.

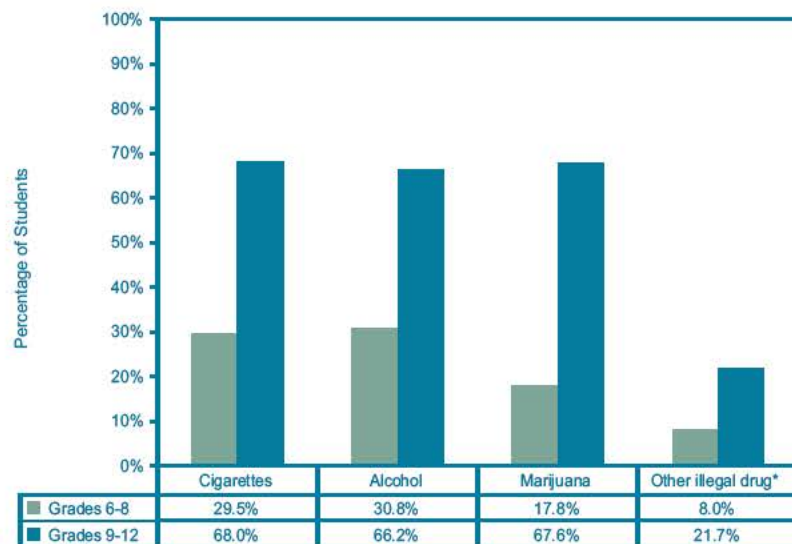
<sup>1</sup> The MYDAUS question reads, "How much do you think people risk harming themselves (physically or in other ways) if they..."

perceived harm



## MIDDLE SCHOOL AND HIGH SCHOOL - 2006

"IF YOU WANTED TO GET SOME \_\_\_\_\_, HOW EASY WOULD IT BE FOR YOU TO GET SOME?"



Note scale

## BY GRADE - 2006

PERCEIVED AVAILABILITY<sup>1</sup> FROM CIGARETTES, ALCOHOL AND MARIJUANA BY GRADE - 2006

	Cigarettes	Alcohol	Marijuana	Other illegal drug*
6th grade	20.2%	18.9%	6.9%	4.7%
7th grade	28.8%	28.9%	14.9%	7.6%
8th grade	37.6%	42.4%	29.3%	11.1%
9th grade	52.4%	55.0%	51.2%	16.6%
10th grade	63.5%	64.8%	66.6%	21.1%
11th grade	73.6%	71.2%	75.4%	23.8%
12th grade	85.8%	75.8%	79.2%	26.0%
Total	52.6%	52.1%	47.8%	16.2%

<sup>1</sup> The MYDAUS question reads, "If you wanted to get some \_\_\_\_\_, how easy would it be for you to get some?"

The percentages above represent "Sort of Easy" and "Very Easy" combined.

\*"Other illegal drug" - the survey question asks about "a drug like cocaine, LSD, or amphetamines".

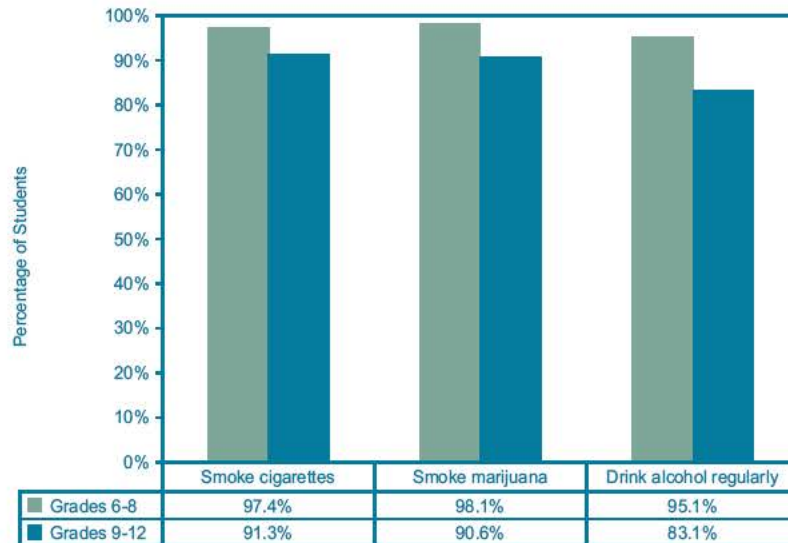
## BY GRADE - 2006

### PERCEIVED PARENTAL DISAPPROVAL<sup>1</sup> OF THE USE OF CIGARETTES, MARIJUANA AND ALCOHOL BY GRADE - 2006

	Smoke cigarettes	Smoke marijuana	Drink alcohol regularly
6th grade	98.5%	99.3%	97.1%
7th grade	96.9%	98.2%	95.5%
8th grade	97.0%	97.0%	93.3%
9th grade	94.8%	94.4%	89.8%
10th grade	92.8%	91.3%	85.2%
11th grade	90.3%	89.5%	82.0%
12th grade	86.4%	86.6%	73.9%
Total	93.6%	93.5%	87.8%

## MIDDLE SCHOOL AND HIGH SCHOOL - 2006

"HOW WRONG DO YOUR PARENTS FEEL IT WOULD BE FOR YOU TO \_\_\_\_\_?"



Note scale

The percentages above represent "Very Wrong" and "Wrong" combined.

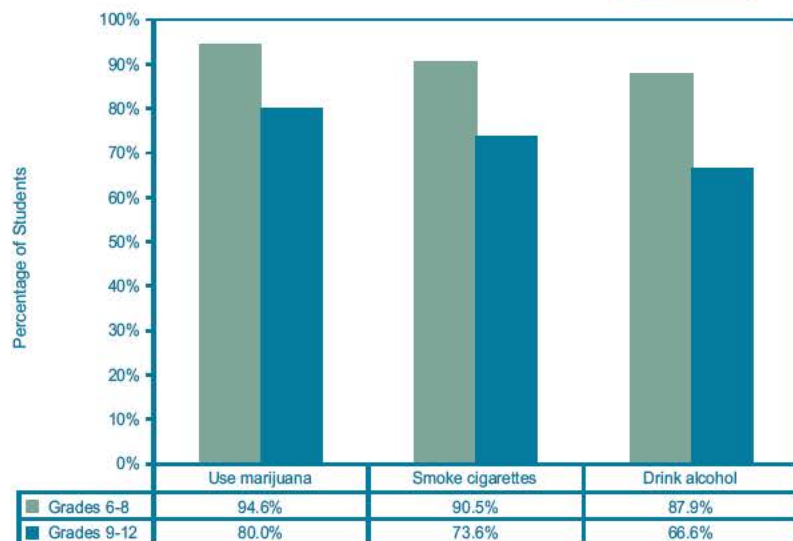
<sup>1</sup>The MYDAUS question reads, "How wrong do your parents feel it would be for you to..."

perceived parental disapproval



## MIDDLE SCHOOL AND HIGH SCHOOL - 2006

"HOW WRONG WOULD MOST ADULTS (OVER 21) IN YOUR NEIGHBORHOOD THINK IT IS FOR KIDS YOUR AGE TO \_\_\_\_\_?"



Note: scale

## BY GRADE - 2006

PERCEIVED NEIGHBORHOOD ADULT DISAPPROVAL<sup>1</sup> OF THE USE OF MARIJUANA, CIGARETTES AND ALCOHOL BY GRADE - 2006

	Use marijuana	Smoke cigarettes	Drink alcohol
6th grade	97.5%	94.0%	93.1%
7th grade	95.3%	90.9%	88.7%
8th grade	91.6%	87.2%	82.9%
9th grade	86.1%	81.1%	74.5%
10th grade	80.8%	76.5%	68.8%
11th grade	77.5%	72.5%	63.5%
12th grade	74.7%	62.4%	58.0%
Total	85.8%	80.3%	75.1%

<sup>1</sup> The MYDAUS question reads, "How wrong would most adults (over 21) in your neighborhood think it is for kids your age to:"

The percentages above represent "Very Wrong" and "Wrong" combined.

## IN THEIR NEIGHBORHOOD

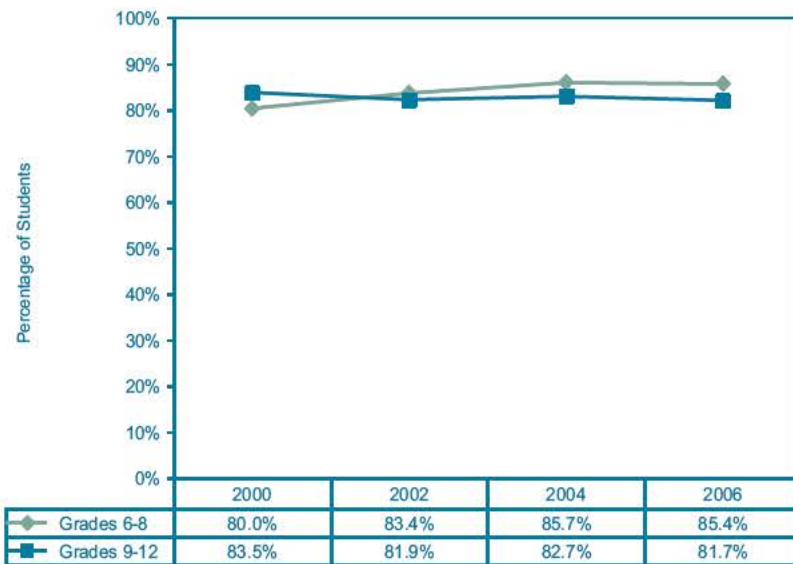
STUDENTS WHO FEEL SAFE IN THEIR NEIGHBORHOOD



Note scale

## AT SCHOOL

STUDENTS WHO FEEL SAFE AT SCHOOL



Note scale

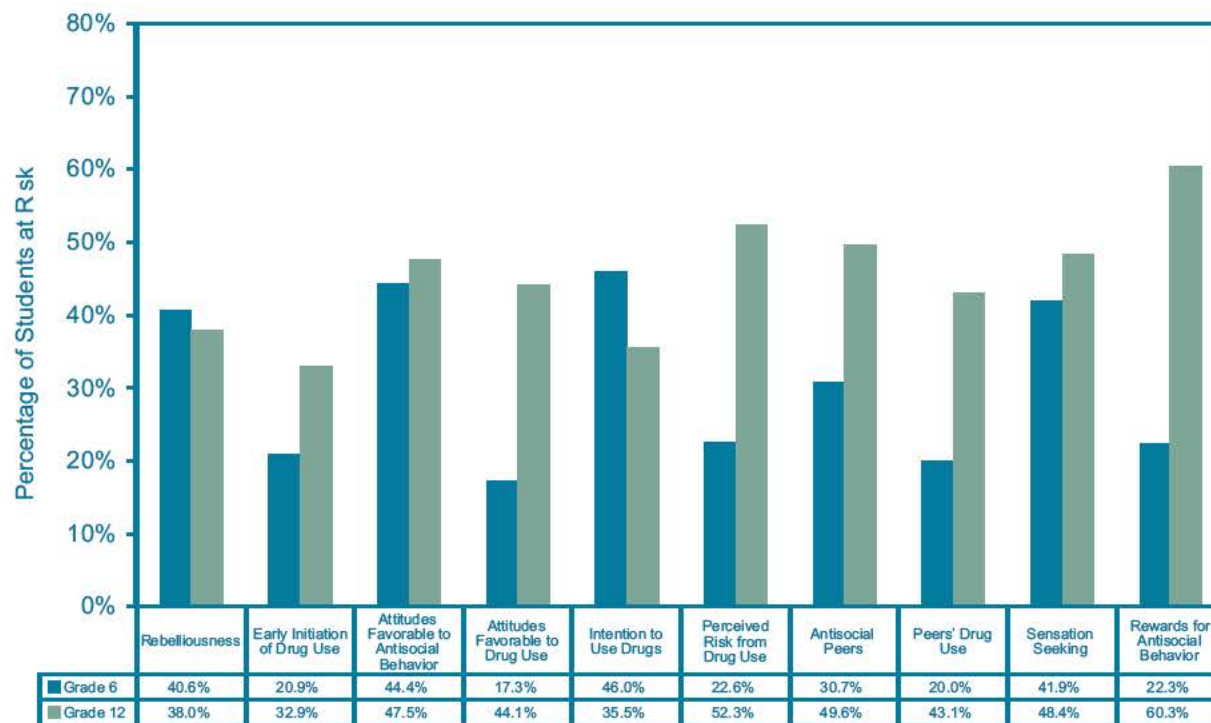
perceived  
safety



PEER/INDIVIDUAL DOMAIN

The data for risk and protective factor scales are computed based on nationally-researched cut-points. The cut-point for a risk scale is the point at which a score on the scale predicts negative outcomes. The cut-point of a protective factor scale is the point at which a score on the scale predicts positive outcomes. For more information on how the risk and protective factors were determined, please refer to the MYDAUS Technical Report (see resources for details).

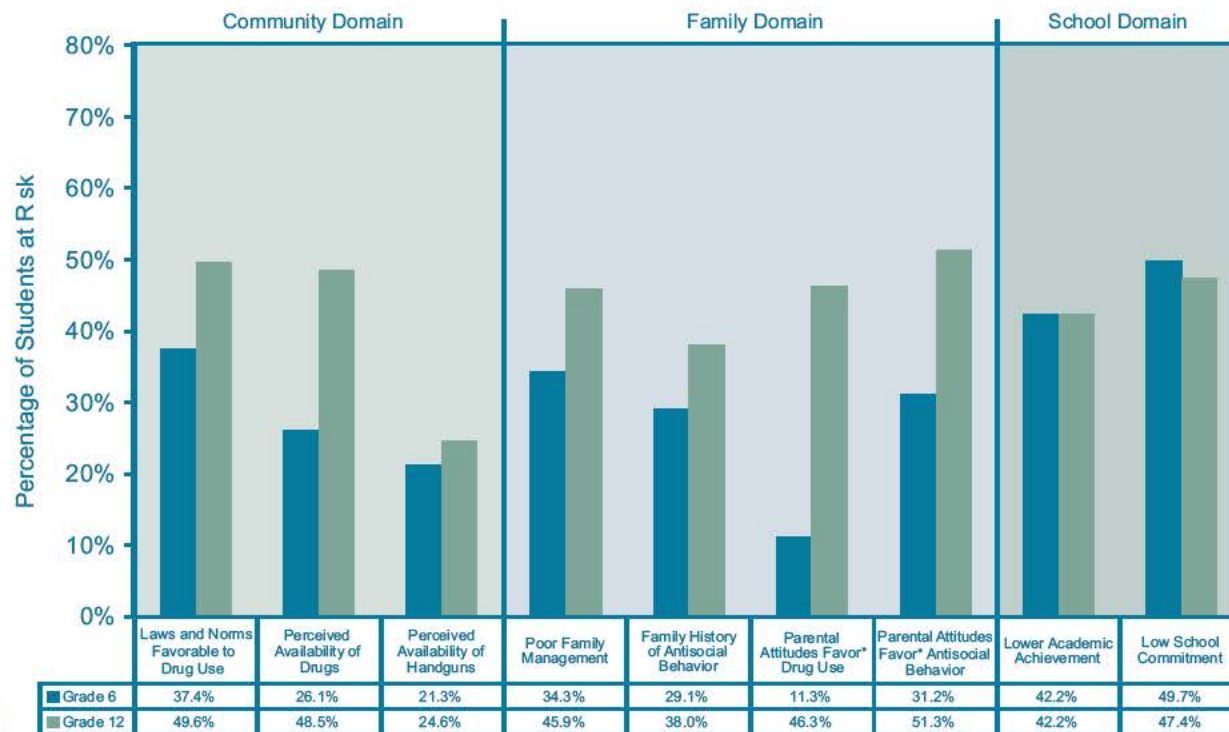
**RISK FACTORS - PEER / INDIVIDUAL DOMAIN**  
Percentage of Students at Risk in the 6th and 12th Grades



Note scale

### RISK FACTORS - COMMUNITY, FAMILY & SCHOOL DOMAINS

#### Percentage of Students at Risk in the 6th and 12th Grades

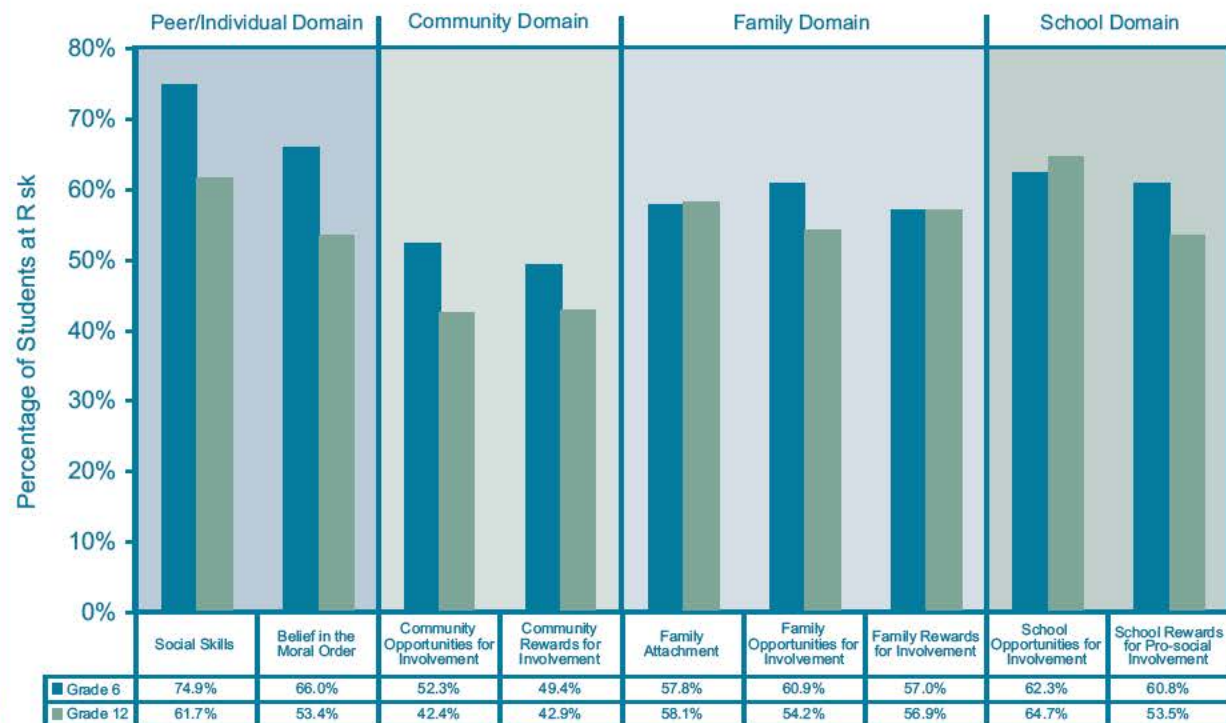


Note scale

\* "Favor" does not necessarily mean that parents encourage the activity. These items are the students' perception of parental attitudes. Students may perceive their parents as believing the antisocial behavior or drug use is "wrong", but if parents are not perceived as thinking it is "very wrong", then research shows the student is at increased risk of participating in the undesirable behavior.

## PEER/INDIVIDUAL, COMMUNITY, FAMILY AND SCHOOL DOMAINS

**PROTECTIVE FACTORS - PEER/INDIVIDUAL, COMMUNITY, FAMILY & SCHOOL DOMAINS**  
Percentage of Students Protected in the 6th and 12th Grades



Note scale



### MYDAUS Homepage

[www.maineosa.org/data/mydaus](http://www.maineosa.org/data/mydaus)

### MYDAUS Executive Report

- A snapshot of 2006 data and trends since 2000 displayed in graphs and charts.

### MYDAUS Technical Report

- A reporting of the MYDAUS data covering the topics of substance use, risk and protective factors, prohibited behaviors, and pro-social behaviors. Analyzed by grade, gender, county, and year of administration (1995 to 2006).

### The MYDAUS/YTS Guide: Using Your Data to Build Support for Prevention

- A practical guide to using MYDAUS/YTS data to build support for prevention.

### MYDAUS/YTS Web-based Reports System<sup>1</sup>

<http://www.maine.gov/maineosa/survey/home.php>

- New for 2006: Printable summary reports comparing local (school, district or county) results to State results; includes trends back to 2000.
- Results for each question at the levels of school, district, county and state (2000 – 2006)

### Additional Reports System Resources

- Definitions of risk and protective factors
- Background information on the MYDAUS/YTS
- Tips on understanding the data
- Tips on printing the data from the website
- Information on changes in the survey administration over time

For printed copies of these resources, contact: Office of Substance Abuse Information and Resource Center  
Department of Health and Human Services • 1-800-499-0027 (In-State Only) or 207-287-8900  
TTY: 1-800-606-0215 • Fax: 207-287-8910 • Email: [osa.ircosa@maine.gov](mailto:osa.ircosa@maine.gov)

<sup>1</sup> Schools and districts participating in the MYDAUS/YTS have access to local, county and state reports. Anyone with access to the Internet can access county and state level data. Passwords for local data are provided to school administrators. Community members interested in the local level data should contact their school superintendent to see how they can work together on prevention using local data.



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For more information regarding the Maine Youth Drug and Alcohol Use Survey (MYDAUS) please visit the Office of Substance Abuse website at [www.maineosa.org](http://www.maineosa.org).

Additional print copies of this document and other MYDAUS documents are available by contacting the:

Information and Resource Center  
Office of Substance Abuse  
Department of Health and Human Services  
1-800-499-0027 (In-State Only) or 207-287-8900  
TTY: 1-800-606-0215  
Fax: 207-287-8910  
Email: [osa.ircosa@maine.gov](mailto:osa.ircosa@maine.gov)

[www.maineosa.org](http://www.maineosa.org)

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